ÖFFICIAL

RESPONSE TO OFFICE ACTION Serial No. 09/917,842

Page 1 of 17 RECEIVED
CENTRAL FAX CENTER

FEB 2 3 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicants: Chin et al.

Case: 5017/ISM/CORE/MCVD/SB

Serial No.: 09/917,842

Filed: July 27, 2001

Examiner: Kosowski, Alexander J.

Group Art Unit: 2125

Confirmation No.: 3573

Title: ATOMIC LAYER DEPOSITION APPARATUS

Mail Stop Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

RESPONSE TO OFFICE ACTION DATED NOVEMBER 25, 2003

This letter is in response to the Office Action dated November 25, 2003 (Paper No. 11), having an extendable shortened statutory period expiring February 25, 2004. Please reconsider the claims pending in the application for the reasons discussed below. Although the Applicants believe no fees are due, the Commissioner is authorized to charge Deposit Account No. 20-0782 for any fees required to make this response timely and acceptable to the Office.

TELEFAX COVER SHEET

RECEIVED
CENTRAL FAX CENTER

FEB 2 3 2004

OFFICIAL

MOSER, PATTERSON & SHERIDAN, LLP

ATTORNEYS AT LAW 595 SHREWSBURY AVENUE FIRST FLOOR SHREWSBURY, NJ 07702 TELEPHONE (732) 530-9404 TELEFAX (732) 530-9808

THIS MESSAGE HAS 22 PAGES INCLUDING THIS SHEET Commissioner for Patents TO: FAX NO.: _____ <u>703**-**</u>872-9306 FROM: Keith Taboada, Esq. February 18, 2004 DATE: Filed: July 27, 2001 MATTER: Serial No. 09/917,842 DOCKET NO.: 5017/ISM/CORE/MCVD/SB APPLICANT: Chin, et al. The following has been received in the U.S. Patent and Trademark Office on the date of this facsimile: X Transmittal Letter (2 copies) Petition X Fee Transmittal (2 copies) Disclosure Statement & PTO-1449 Priority Document Deposit Account Transaction X Facsimile Transmission Certificate Drawings (____ sheets) informal dated February 18, 2004 Amendment X Response to Office Action (17 pages) CERTIFICATE OF TRANSMISSION UNDER 37 C.F.R. §1.8 I hereby certify that this correspondence is being transmitted by facsimile to Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Pebruary 18. 2004, Facsimile No. (703) 872-9306. Allyson M. DeVesty Signature and date Name of person signing this certificate

254198

PTO/SR/21 (08-03)

			Application Number	mark Office: d. S. September a valid OMB control number. 09/917,842					
TRANSMITTAL FORM (to be used for all correspondence after initial filing)			Filing Date	July 27, 2001					
			First Named Inventor	Chin, et al.					
			Group Art Unit	2125					
			Examiner Name	Alexander J. Kosowski					
otal Number of Pages in This Submission			Attorney Docket Numb	er 5017/ISM/CORE/MCVD/SB					
		ENCL	OSURES (check all that ap	ply)					
X Fee Transmittel Form		Drawing(s)		After Allowance Communication to Group					
Fee Attached		Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences					
Amendment / Response (17 pages)		Petitio	n	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)					
After Final			in to Convert to a sional Application	Proprietary Information					
Affidavits/declaration(s)		Power Chang	r of Attorney, Revocation ge of Correspondence Addr	ess Status Letter					
Extension of Time	e Request	☐ Termin	nal Disclaimer	Other Enclosure(s) (please identify below):					
Express Abando	nment Request	Reque	est for Refund						
☐ Information Disclosure Statement		CD, Number of CD(s)							
Certified Copy of Priority Document(s)		Remarks							
Response to Missing Parts/ Incomplete Application		•	<u> </u>						
Response to Missing Parts under 37 CFR 1.52 or 1.53									
	SIGNA	TURE OF	APPLICANT, ATTORN	EY, OR AGENT					
Firm or Individual name	Keith Taboada, Esq. Moser, Patterson & Sheridan, LLP								
Signature	Ll. C.C.								
Date	February 18, 2004								
		CI	ERTIFICATE OF MAILIN	G					
hereby certify that taddressed to: Box below.	his correspondence Fee Amendment, Co	is being dep ommissioner	posited with the United State of for Patents, P.O. Box 145	es Postal Service as first-class mail in an envelop D, Alexandria, VA 22313-1450 on the date show					
Typed or printed nar	ne Allyson M. De	Vant.							

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Capitidentially is governed by 35 U.S. of 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon on the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Potent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.

254104

PTO/SB/17 (10-03)

PTO/SBIT (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

	Complete If Known							
FEE TRANSMITTAL	Application Number 09/917,642							
for FY 2004	Filing Date Jul			July 27	27, 2001			
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inventor			Chin, et al.				
	Examiner Name			Alexander J. Kosowski				
Applicant Claims small entity status. See 37 CFR 1.27	-				25			
TOTAL AMOUNT OF PAYMENT (\$) 764	Attom	Attorney Docket No. 5017/ISM/CORE/MCVD/SB						
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit Card Money Other None	3, ADDITIONAL FEES							
Order	Larg	o Entity	6mall	Entity			_	
Deposit Account	Fee	Foe	Fee Code	Feb (\$)	Fee De	seription	Fet Pald	
Deposit	Code 1051	(5) 130	2051	65 65	Surcharge - late fi	ling fee or oath		
Account 20-0782 Number	1052	50	2052	25	•	rovisional filling fee		
Deposit			1		or cover sheet.			
Account Moser, Patterson & Sheridan, LLP	1053	130	1053	130	Non-English specification		 	
Name The Director is authorized to: (Check all that apply)	1612	2,520 920°	1812	2,520	For filing a request for reexamination			
The Director is authorized to: (Uneck all that apply) Charge fee(s) indicated below Credit any overpayments	1804		1804		920* Requesting publication of SIR prior to Examiner action 1,840* Requesting publication of SIR after			
Charge any additional fee(s) during pendency of this application	1605	1,840*	1805	1,640*	Examiner action	Sand of Silv Ruca) <u>}</u>	
Charge fee(s) indicated below, except for the filling fee	1251	110	2251	55	Extension for repl	ly within first month	110	
to the above-identified deposit account	1252	420	2252	210	Extension for reply within second			
FEE CALCULATION	1	950	2253	475	menth Extension for reply within third month		├ ──┤	
1. BAŞIÇ FILING FEE	1253 1254	1,480	2254	740	Extension for reply within fourth			
Large Entity Small Entity	1207	1,-000		, 10	month			
Fee fee Fee Fee Fee Description Code (\$) Fee Paid	1255	2,010	2255	1,005	Extension for reply within lifth month			
Code (\$) Code (\$) Fee Pald	1401	330	2401	165	Notice of Appeal			
1002 340 2002 170 Design filing fee	1402	330	2402	165	Filling a brief in support of an appeal			
1003 530 2003 265 Plant filing fee	1403	290	2403	145	Request for oral hearing Petition to institute a public use			
1004 770 2004 385 Relasue filing fee	1451	1,510	2451	1.510	proceeding			
1005 160 2005 80 Provisional filling fee	1452	110	2452	55	Petition to revive – unavoidable			
\$UBTOTAL (1) (\$) D	1453	1,330	2453	665	Patition to revive - unintentional			
	1501	1,330	2501	655	Utility leave fee (or relasue)		——	
2. EXTRA GLAIM FEES	1502	480	2502 2503	240 320	Design Issue fee		\vdash	
Extra Fee from Fee Claims below Paid	1503 1460	540 130	1460	130	Plant issue fee Pelitions to the C	ommissioner:		
Total Claims 41 -20 - 22 X 18 = 396	1807	50	1807	50		nder 37 CFR 1.17 (q)		
Independent 6 3 7 = 3 X 88 = 258	1808	180	1806	180	_	formation Disclosurs		
Multiple Dependent X = 0	8021	40	8021	Recording each patent assignment 40 per property (limes number of properties)				
Large Entity Small Entity	1809	770	2809	385		on after final rejection	\vdash	
Fee fee Fee Fee Fee Description					(37 ČFR § 1.129	(8))	\blacksquare	
1202 18 2202 9 Claims in excess of 20	1810	770	2810	385	For each addition examined (37 CF			
1203 290 2203 145 Multiple dependent dalm, if not paid	1801	770	2801	385	Request for Continu	ast for Continued Examination (RCE)		
1204 86 2204 43 Relasue Independent dalma over original patent	1802	900	1802	900	Request for expedited exemination of a design application			
1205 18 2205 9 Reliable claims in excess of 20 and over original patent	Other	Other (se (specify)						
SUBTOTAL (2) (5) 664	*Rec	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 110						
Mor number previously paid, if greater; For Roissues, see above	· 				plolo (Mana-E-rable)			
SUBMITTED BY Complete (if applicable)								
Name (Print/Type) Keith Taboada, Esq. Registration Ng. Atto.	төу/Адел							
Signature					Date February 18, 2004			

WARNIN: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a bonefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is selfmated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will very depending upon on the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1450. 254102